DOI-IND-525 Production and Manufacturing Systems

SEMESTER: Spring
CREDITS: 6 ECTS (4 hrs. per week: 3 Theory + 1 Lab, on average)
LANGUAGE: Spanish
DEGREES: Official Master's Degree in Industrial Engineering (MII)

Course overview

Prerequisites
No prerequisites.

Course contents
Theory:


Laboratory:
There will be six 2-hour sessions.
P1. CAD-CAM practice using CREO.
P2. PLM with Windchill (part I).
P3. PLM with Windchill (part II).
P5. Motor Assembly Line
P6. Lean Competition on Motor Assembly Line

Textbook

Grading
The following condition must be accomplished to pass the course:
- A minimum exam grade of at least 4 over 10.
- A final grade higher or equal to 5.0

The exam grade is obtained as follows:
- Mid-term exam 25%
- Final exam 40%

The final grade is obtained as follows:
- Exam grade 65%.
- Lab practices (pre and post-lab tests) 25%.
- Class participation and interaction 10%.

Retake:
The following condition must be accomplished to pass the course:
- A minimum final exam grade of 4.0.
- A final grade higher or equal to 5.0

The final grade is obtained as follows:
- Final exam grade 65%.
- Lab practices (pre and post-lab tests) 25%.
- Class participation and interaction 10%.